

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A computer implemented method[[,]] carried out by a computing device comprising at least one hardware processor and at least one memory communicatively coupled to said hardware processor, the method comprising:

polling, by the computing device, a server for a task request, the task request generated in response to a request by a remote client computer and associated with the remote client computer, the task request requesting identifying a file residing on a local computer the computing device;

receiving, at the computing device, the task request from the server and an indication of a file lock mode; the task request identifying the file from the local computer associated with a local agent;

responsive to the task request, causing the file to be uploaded to the server from the local computer; computing device;

waiting, at the computing device, for a schedule timer to expire; and

repeating at least the above act of polling a server for a task request, wherein a subsequent task request identifying said file is processed in accordance with said file lock mode.

2. (Currently Amended) The method of claim 1, further comprising:

setting up local agent preferences;

setting up remote client preferences for the remote client associated with the task request;

initiating the act of polling, based on the local agent preferences; and

initiating an act of uploading, based on the remote client preferences.

3. (Original) The method of claim 1, wherein the act of polling occurs over a transmission control protocol/internet protocol stack, through functions specified in a simple object access protocol interpreter.

4. (Currently Amended) The method of claim 1, wherein the act of causing the file to be uploaded includes:

initiating a request to the ~~local computer~~ computing device's file system for the file; and
receiving the file from the ~~local computer~~ file system.

5. (Currently Amended) The method of claim 1, wherein the act of causing the file to be uploaded includes:

initiating a request to the computing device's ~~local computer~~ file system for the file;
instructing the ~~local computer~~ file system to upload the file to the server; and
receiving an indication that the file was uploaded to the server.

6. (Original) The method of claim 1, wherein the act of causing the file to be uploaded includes:

initiating a request to a message access protocol interface for the file from a message access protocol interface database; and
receiving the file from the message access protocol database.

7. (Currently Amended) The method of claim 6, wherein the ~~act of~~ causing the file to be uploaded includes instructing the file to be sent to the server from the message access protocol database.

8. (Currently Amended) A computer readable ~~storage medium~~ stored persistently in a computer comprising one or more processors, the medium including sequences of instructions for causing said computer one or more processors to perform acts for remote file access for a local agent module, the acts comprising:

polling a server to receive a task request, the task request generated in response to a request by a remote client computer and associated with the remote client computer, the task request requesting identifying a file from residing on a local computer;

receiving the task request from the server, ~~the task request~~ and an indication of a file lock mode identifying a file from at least one local computer associated with the local agent;

responsive to the task request, causing the file to be uploaded to the server from the local computer;

waiting for a schedule timer to expire; and

repeating at least the above act of polling, wherein a subsequent task request identifying said file is processed in accordance with said file lock mode.

9. (Currently Amended) The computer readable storage medium of claim 8, further comprising instructions for performing the acts of:

setting up local agent preferences;

setting up remote client preferences for the remote client associated with the task request;

initiating the act of polling, based on the local agent preferences; and

initiating an act of uploading, based on the remote client preferences.

10. (Previously presented) The computer readable storage medium of claim 8, wherein the act of polling occurs over a transmission control protocol/internet protocol stack, through functions specified in the simple object access protocol interpreter.

11. (Previously presented) The computer readable storage medium of claim 8, wherein the act of causing the file to be uploaded includes:

initiating a request to the local computer file system for the file; and

receiving the file from the local computer file system.

12. (Previously presented) The computer readable storage medium of claim 8, wherein the act of causing the file to be uploaded includes:

initiating a request to the local computer file system for the file;

instructing the local computer file system to upload the file to the server; and

receiving an indication that the file was uploaded to the server.

13. (Previously presented) The computer readable storage medium of claim 8, wherein the act of causing the file to be uploaded includes:

initiating a request to a message access protocol interface for the file from a message access protocol interface database; and
receiving the file from the message access protocol database.

14. (Previously presented) The computer readable storage medium of claim 13, wherein the act of causing the file to be uploaded includes instructing the file to be sent to the server from the message access protocol database.

15. (Currently Amended) A local agent system comprising at least one hardware processor and at least one memory communicatively coupled to said hardware processor, the at least one memory having stored therein computer-executable instructions capable of implementing:

a task processor for polling a server for a task request, the task request identifying a file in a local computer residing in said system associated with the local agent, the task request generated in response to a request by a remote client computer and associated with the remote client computer, the task request requesting a file from the local computer;

a subsystem for causing, in response to the task request and a file synchronization mode, the file to be uploaded to the server from the system;

a schedule timer communicatively coupled to the task processor for controlling a task processor polling interval; and

one or more protocol stacks for communicating over a network with the server.

16. (Original) The local agent of claim 15, wherein the one or more protocol stacks includes a transmission control protocol/internet protocol stack.

17-18. (Cancelled)

19. (Original) The local agent of claim 15, further configured to initiate a request to a message application programming interface database.

20. (Original) The local agent of claim 15, further configured to receive a file from a message application programming interface database.

21-30. (Canceled)

31. (Currently Amended) The method of claim 1, wherein the timer resides in and is controlled by ~~the a~~ local agent module.

32. (Currently Amended) The computer-readable storage medium of claim 8, wherein the schedule timer resides in and is controlled by ~~the a~~ local agent.

33. (Currently Amended) The ~~local-agent system~~ of claim 15, wherein the schedule timer resides in and is controlled by ~~the a~~ local agent.

34. (Currently Amended) The ~~local-agent system~~ of claim 15, wherein the one or more protocol stacks includes a simple object access protocol interpreter.

35. (Currently Amended) The ~~local-agent system~~ of claim 15, further comprising a subsystem for executing a task from the task request.